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## ecology and environment, inc.

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International Specialists in the Environment

### MEMORANDUM

DATE: June 26, 1986  
TO: File  
FROM: T. Pachowicz  
SUBJECT: Illinois/R05-8603-19/IL0170  
Chicago/Republic Steel Corp.  
ILD056623598

EPA Region 5 Records Ctr.



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Republic Steel Corporation is an integrated steel plant including coke battery, blast furnace, basic oxygen process shop, electric furnace shop, primary mill, and wire and seamless tube mills producing bar, wire and pipe. The plant is located on the southeast side of Chicago. It is bordered on the west by the Calumet River, on the east by South Avenue O, and on the north and south by various industries.

Republic Steel generates four hazardous wastes that are subject to regulation. Lead dust, D008, is stored in drums prior to shipment for off-site disposal. Decanted tar sludge, K087, is collected in a sump then is placed into the furnace for recycling. Spent pickle liquor, K062, is collected and stored on site until it is transported for off-site recycling. Electric furnace dust, K061, is collected and stored in waste piles on site. One area where the furnace dust is stored is approximately 125 feet by 180 feet, plus 20 feet by 20 feet all surrounded by a wall 30 feet high and roofed. A second area, adjacent to the first, is approximately 150 feet by 150 feet and covered by a tarp. All waste materials are regulated under the Resource Conservation and Recovery Act (RCRA).

This site was originally submitted to the USEPA in the form of a Preliminary Assessment Report. The Site Inspection Report was completed using information from USEPA and IL EPA files. A survey of the site was also completed by Ecology and Environment, Inc./FIT personnel on May 14, 1986.

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